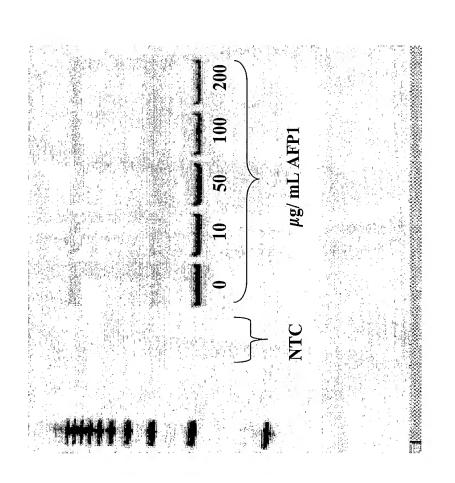
## Real-Time PCR Titration with AFP1



50ug/mL AFP1 is the highest concentration that does not affect product yield.

Fig 1

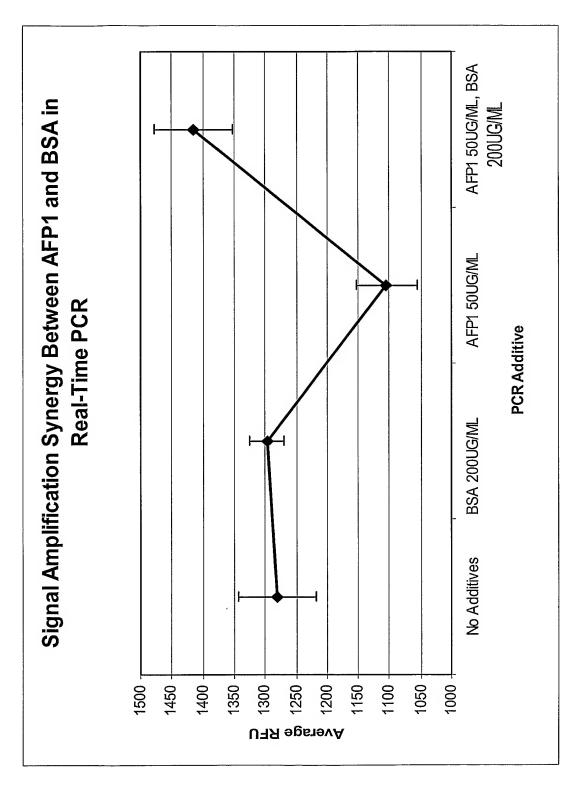


Fig. 2A

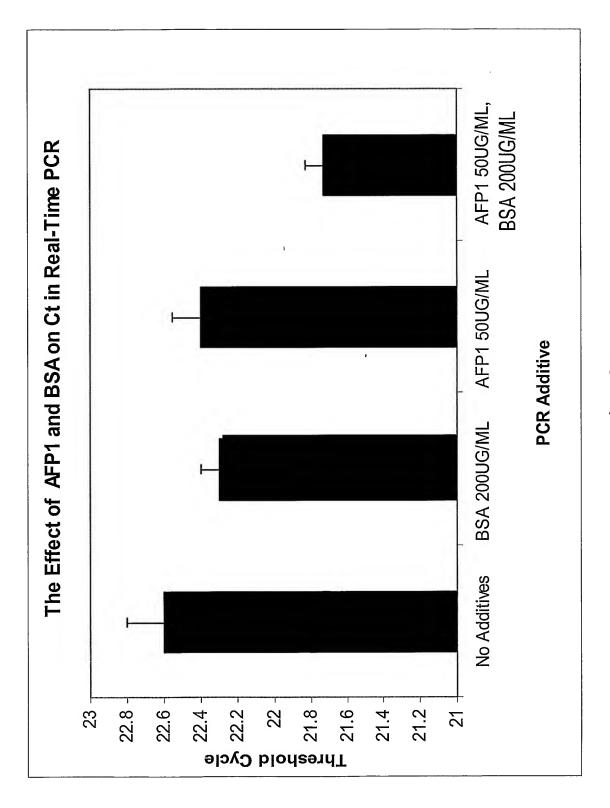


Fig. 2B

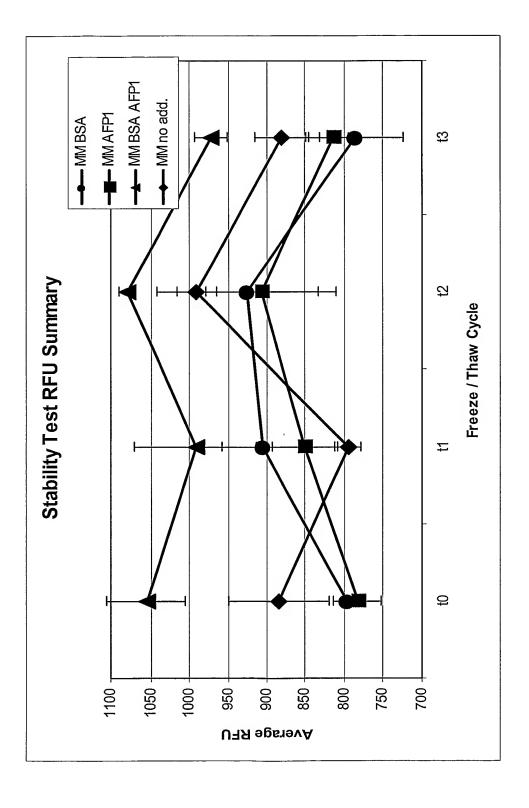


Fig. 3A

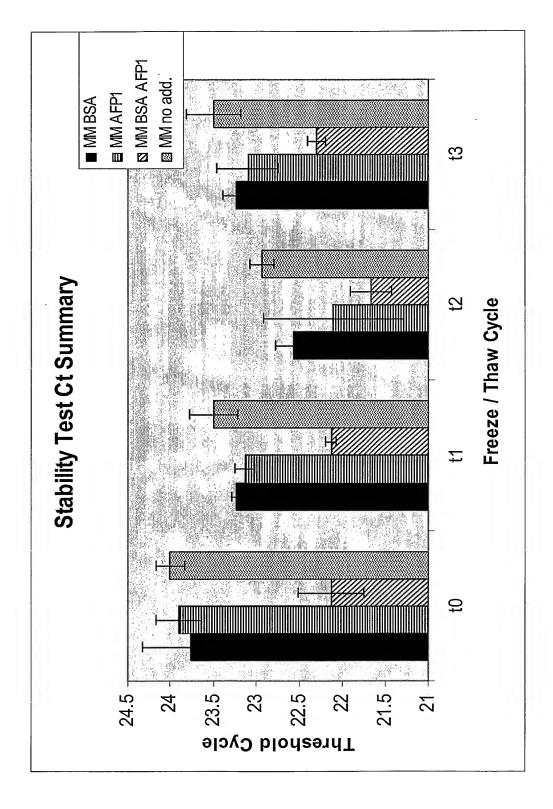
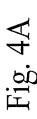
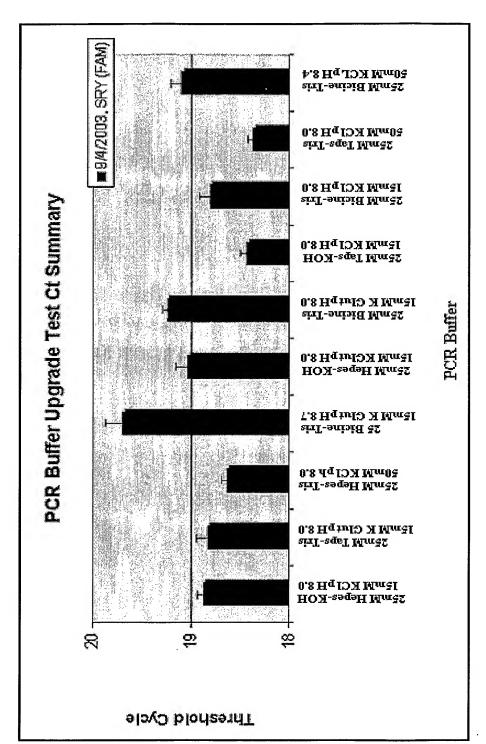
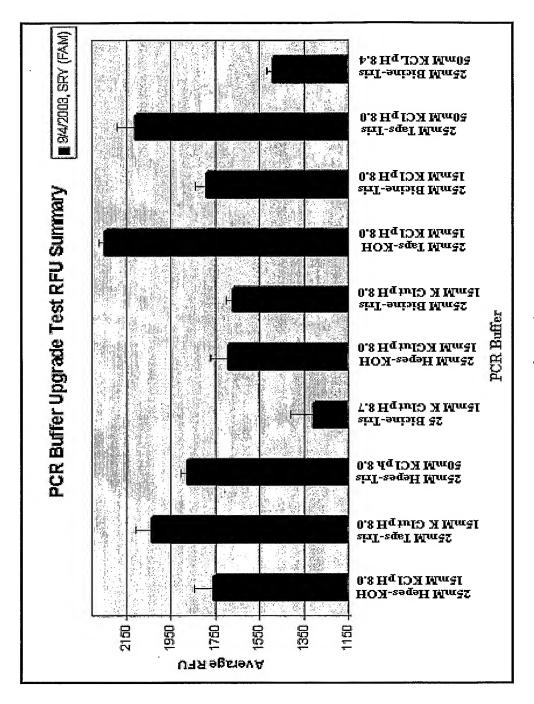


Fig. 3B





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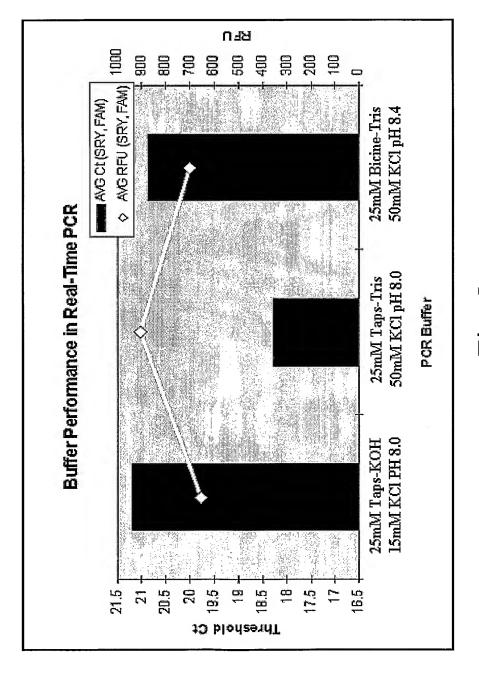


Fig. 5

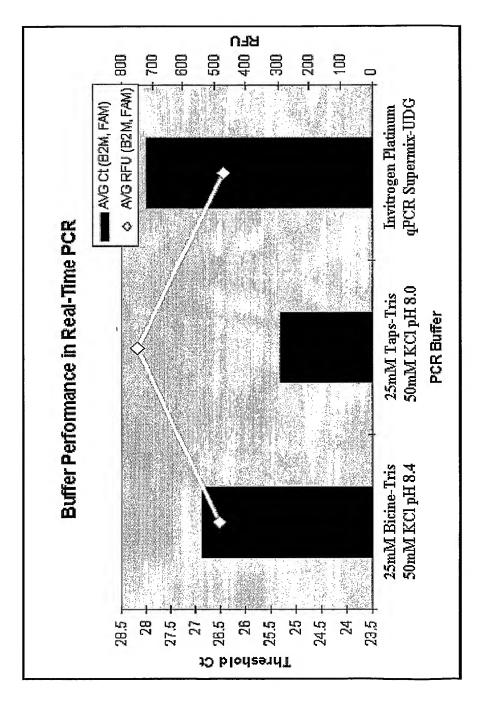


Fig. 6

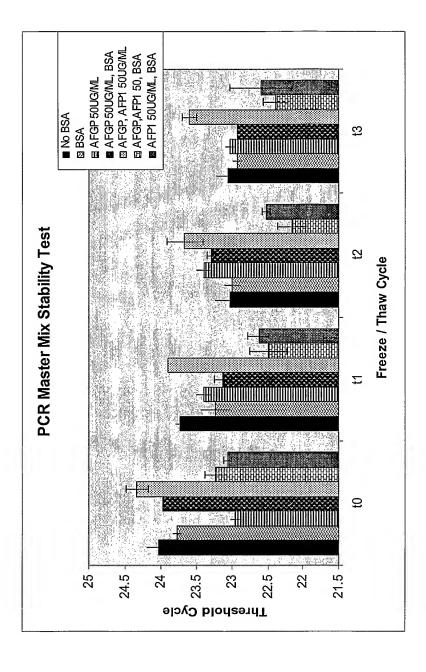


Fig. 7

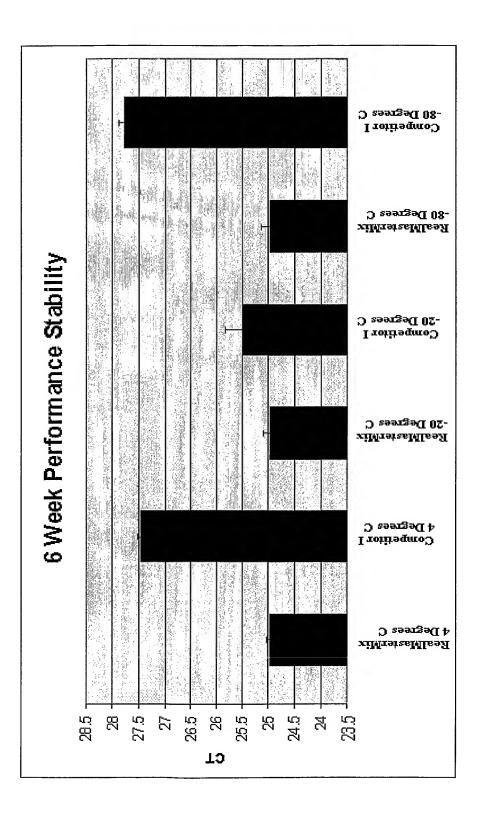


Fig. 8A

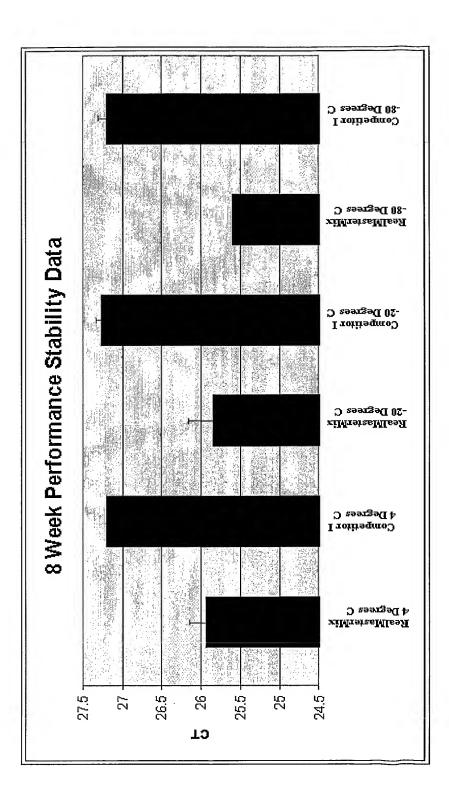
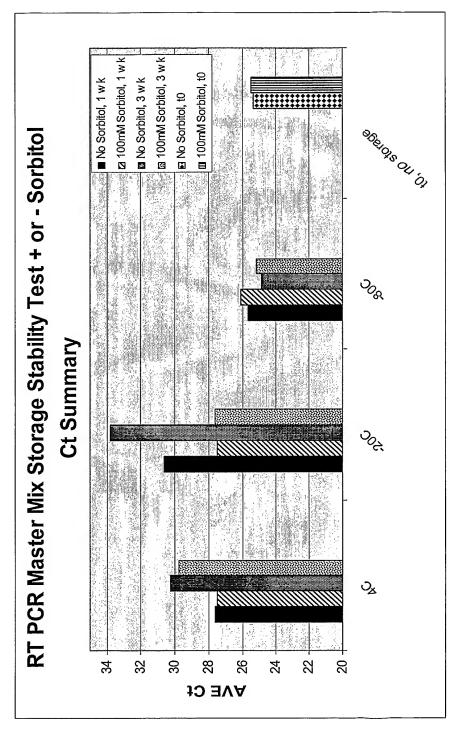
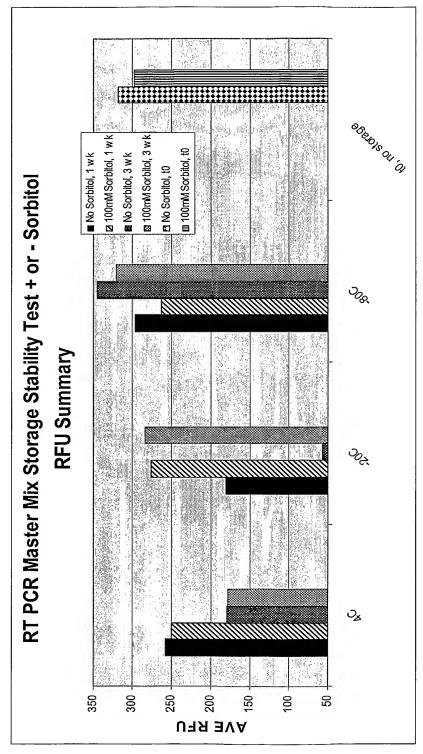


Fig. 8B



Ct chart						
	No Sorbitol, 1 wk	1 wk No Sorbitol, 3 wk	100mM Sorbitol, 1 wk	100mM Sorbitol, 1 wk 100mM Sorbitol, 3 wk No Sorbitol, t0	No Sorbitol, t0	100mM Sorbitol, to
4C	27.65	30.3	27.5	29.8		
-20C	30.65	33.8	27.5	27.6		
-80C	25.7	24.9	26.15	25.2		
t0, no storage					25.35	25.5

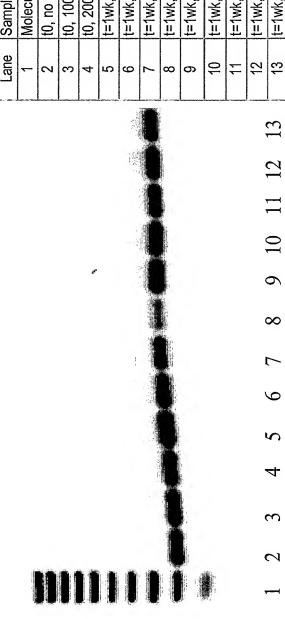
Fig. 9A



RFU chart						
	No Sorbitol, 1 wk	No Sorbitol, 3 wk	1 wk No Sorbitol, 3 wk   100mM Sorbitol, 1 wk   100mM Sorbitol, 3 wk No Sorbitol, to   100mM Sorbitol, to	100mM Sorbitol, 3 wk	No Sorbitol, t0	100mM Sorbitol, to
4C	258.02	179.5	250.63	178.4		
-20C	180.635	26.0	275.8	282.7		
-80C	295.69	345.2	262.985	320.7		
t0, no storage					318.405	297.95

Fig. 9B

RT PCR Master Mix Storage Stability Test + or - Sorbitol to vs t = 1 week, Product Yield Comparison



Sample   Molecular weight ladder 10, no sorb 10, 200mM sorb 1=1wk, 4C, no sorb 1=1wk, 4C, 100mM sorb 1=1wk, -20C, no sorb 1=1wk, -20C, 100mM sorb 1=1wk, -20C, 100mM sorb 1=1wk, -80C, 100mM sorb 1=1w	t=1wk, -80C, 200mM sorb
o	13

Fig. 10A

RT PCR Master Mix Storage Stability Test + or – Sorbitol t = 3 weeks, Product Yield Comparison

Lane	-	2	3	4	5	9	7	∞	6	10
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							7			
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	CONTRACTOR AND ADDRESS OF THE PARTY OF THE P			and the same of th						

 Lane
 Sample
 |

 1
 Molecular weight ladder

 2
 t=3wk, 4C, no sorb

 3
 t=3wk, 4C, 100mM sorb

 4
 t=3wk, -20C, no sorb

 5
 t=3wk, -20C, 100mM sorb

 7
 t=3wk, -20C, 200mM sorb

 8
 t=3wk, -80C, no sorb

 9
 t=3wk, -80C, 100mM sorb

 10
 t=3wk, -80C, 200mM sorb

Fig. 10B

